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Total Number of Pages in This Submission

|                        |                       |
|------------------------|-----------------------|
| Application Number     | 10/823,991            |
| Filing Date            | April 13, 2004        |
| First Named Inventor   | Christopher J. Diorio |
| Art Unit               | 2636                  |
| Examiner Name          | Jennifer A. Mehmood   |
| Attorney Docket Number | IMPJ-0085             |

## ENCLOSURES (check all that apply)

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| <b>Remarks</b>   |  |  |

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

|              |                          |          |        |
|--------------|--------------------------|----------|--------|
| Firm         | THELEN REID & PRIEST LLP |          |        |
| Signature    |                          |          |        |
| Printed Name | David B. Ritchie         |          |        |
| Date         | May 11, 2006             | Reg. No. | 31,562 |

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| Typed or printed name | Beatrice Bailey | Date | 5/12/2006 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Christopher J. Diorio et al.  
SERIAL NO.: 10/823,991 CONFIRMATION NO: 4991  
FILING DATE: April 13, 2004  
TITLE: Adaptable Bandwidth RFID Tags  
EXAMINER: Jennifer A. Mehmood  
TELEPHONE: (571) 272-2976  
FAX: (703) 872-9306  
ART UNIT: 2636

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I hereby certify that this paper is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450, on the date printed below:

Date: 5/12/2006

Name: Beatrice Bailey

Beatrice Bailey

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AND RESPONSE TO OFFICE ACTION**

Dear Sir:

This paper is responsive to the Office Action mailed **February 23, 2006**. Please amend the above-identified application as follows:

**Amendments to the Claims** are reflected in the listing of claims, which begins on page 2 of this paper.

**Remarks** begin on page 13 of this paper.